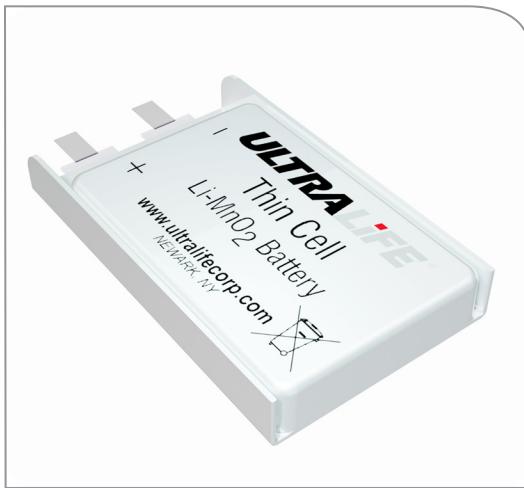


CP301322 Thin Cell®

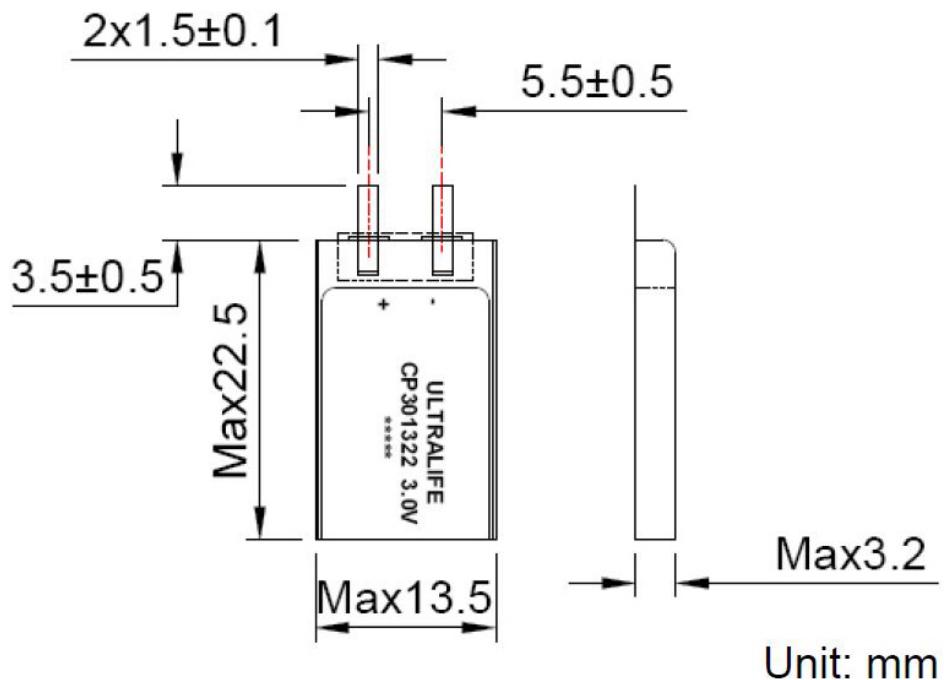
Technical Datasheet



Technical Specifications

Part No	CP301322
Cell Type	Primary, non-rechargeable
Chemistry	Lithium Manganese Dioxide
Voltage Range	1.5V to 3.3V
Nominal Voltage	3.0V
Typical Capacity at 2mA	115mAh to 1.5V @ +23°C
Max. Continuous Discharge	35mA
Max. Pulse Discharge ¹	Up to 70mA (life and temperature dependent)
Energy Rating	345mWh
Energy Density	
Gravimetric	313Wh/kg
Volumetric	354Wh/L
Weight	1.1g
Lithium Metal Content	0.03g
Operating Temperature	-20°C to +60°C
Storage Temperature ²	-40°C to +60°C
Humidity	65±20%RH
Exterior/Housing	Laminated aluminium foil
Terminals/Connector	Ni-stainless steel tabs (Ni-Ni optional)
Size (maximums)	Length: 22.5mm Width: 13.5mm Height: 3.2mm
Certifications	UL 1642 UN 38.5 IEC 60086-4
Safety	AL/MSDS-RD-006
Transportation	Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air Shipment: Packing Instruction 969 or 970, Section II UN3090: Bulk shipment Air shipment: Packing Instruction 968, Section II
Quality Assurance	Ultralife manufacturing facilities are ISO 9001:2008 and ISO 14001:2004 registered. Its products are listed under the Component Recognition Program of Underwriters Laboratories (UL) and have passed UN transportation testing, which is required for international transportation of all lithium batteries.
Notes	<ol style="list-style-type: none"> Varies according to pulse characteristics, temperature, cell history and the application. Consult with Ultralife. For a >5 years life, storage should not exceed +30°C.

Dimensions



Performance Graphs

